



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 21, 2018

Crystal Layton
Regulatory Agent for Chem One Ltd
c/o Landis International
3185 Madison Highway, P.O. Box 5126
Valdosta, GA 31603-5126

Subject: Notification per PRN 98-10 – adding reference statement to label
Product Name: Copper Sulfate Crystals MUP
EPA Registration Number: 56576-20
Application Date: 8/2/18
Decision Number: 543597

Dear Ms. Layton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance. If you have any questions, you may contact Marianne Lewis at (703) 308-8043 or via email at lewis.marianne@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Marianne Lewis".

Marianne Lewis,
Acting Product Manager 22
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

56576-20

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/21/2018

[Master Label]
056576-20 - manufacturing use label EPA approved Feb 29 2012

[visible front panel]

**50 LBS. NET WEIGHT (22.68 KILOS)
COPPER SULFATE CRYSTALS MUP**

ACTIVE INGREDIENT	BY WEIGHT
COPPER SULFATE PENTAHYDRATE.....	99.0%
OTHER INGREDIENTS.....	1.0%
TOTAL	<u>100.0%</u>

CAS #7758-99-8
COPPER AS METALLIC EQUIVALENT TO 25.1%

For manufacturing, repacking, formulation of algaecides and fungicides.
For non-pesticide manufacturing and industrial uses.

For use as a fertilizer trace mineral for plant growth and used in accord with recommended agronomic practices.

For the states of California, Oregon and Washington fertilizer use: Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org.metals.htm>.

When this product is used as a fertilizer ingredient: Guaranteed Analysis: Copper (Cu) = 25.0% Derived from Copper Sulfate

Note: Each formulator using this product to formulate an end use pesticide product is responsible for obtaining an EPA registration for their end use product

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue to rinse eye. Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.
Notes:	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical emergency, you may also contact the National Pesticide Information Center at 1-800-858-7378 available 6:30 AM to 4:30 PM PST daily except holidays.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Product causes eye irritation	

[See booklet attached to the back panel for the entire label including the directions for use.]

CHEM ONE LTD. →

This product manufactured for
CHEM ONE LTD.

EPA REG. NO. 56576-20
EPA EST. NO. 52117-MX-001

(Master Label)

HOUSTON, TEXAS 77041-1104

TEL. (713) 896-9966

(visible front panel)

02-29-2012

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER - PELIGRO

CORROSIVE: Causes irreversible eye damage and causes skin irritation. May be fatal if swallowed. Harmful if absorbed through the skin or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eyewear such as safety glasses, goggles, or face shield and chemical resistant gloves.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are polyvinyl chloride, nitrile rubber, or butyl rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open burning and dumping is prohibited.

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilutions of concentrate in food or drink containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When empty, dispose of empty bag in a sanitary landfill or by incineration, or offer for recycling if available. Do not burn, unless allowed by state or local ordinances. If burned, stay out of smoke.

DIRECTIONS FOR USE

~~—It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.~~

~~FORMULATION OF PESTICIDES: Only for formulation into fungicides and algacides for the following uses:~~

~~Algae and aquatic weed control in impounded waters, lakes, reservoirs, ponds, irrigation conveyance systems.~~

~~Algae and tadpole shrimp in rice fields (domestic and wild).~~

~~Root control in sewer systems.~~

~~Schistosome—infected fresh water snails.~~

~~For use in formulating fungicides for use on the following crops:~~

~~CITRUS: Lemon, Orange, Grapefruit~~

{Master Label}

FIELD CROPS: Potato

TREE CROPS: Almond, Apple, Apricot, Cherry, Nectarine, Olive, Peach, Plum, Prune, Walnut

VINE: Grape

BULBS: Easter Lilly, Tulip, Gladiolus

CANEBERRIES

BLUEBERRIES

NOTE: This product may be used to formulate products for specific use(s) not listed on the MUP label if the formulator, user group, or grower has complied with U. S. EPA submission requirements regarding support of such use(s).

~~Also be intended for non-pesticide manufacturing and Industrial uses.~~

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters or rinsate.

WARRANTY STATEMENT

~~NOTICE: CHEM ONE LTD. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CHEM ONE LTD. To the extent consistent with applicable law, CHEM ONE LTD. shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. To the extent consistent with applicable law exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at CHEM ONE LTD.'s election, the replacement of this product. CHEM ONE LTD. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.~~

CHEM ONE LTD.

14140 Westfair East Drive
HOUSTON, TEXAS 77041
TEL: (713) 896-9966

ENVIRONMENTALLY HAZARDOUS SUBSTANCES
SOLID, N.O.S. (CUPRIC SULFATE) UN3077, RQ

{In some cases, the entire label may be printed on the bag without the use of a booklet}

{ } indicate optional text

{ } indicates notes to the reviewer

(Master Label)
(Booklet)

50 LBS. NET WEIGHT (22.68 KILOS)
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ACTIVE INGREDIENT	BY WEIGHT
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<u>If on skin or clothing:</u>	<u>Take off contaminated clothing.</u> <u>Rinse skin immediately with plenty of water for 15-20 minutes.</u> <u>Call a poison control center or doctor for treatment advice.</u>
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<u>Notes:</u>	<u>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</u> <u>In the event of a medical emergency, you may also contact the National Pesticide Information Center at 1-800-858-7378 available 6:30 AM to 4:30 PM PST daily except holidays.</u>
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(Master Label)

(Booklet)

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